

## Refine Search

### Search Results -

Terms	Documents
L1 and (combin\$ or couple\$ or chain\$)	1

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L72





### Search History

 DATE: Thursday, December 02, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L72</u>	11 and (combin\$ or couple\$ or chain\$ )	1	<u>L72</u>
<u>L71</u>	11 and (prevent\$ or stop\$ or break\$)	0	<u>L71</u>
<u>L70</u>	11 and (prevent\$ or stop\$)	0	<u>L70</u>
<u>L69</u>	11 and (break\$ or divid\$ or separat\$ or modul\$)	1	<u>L69</u>
<u>L68</u>	164 and (break\$ or divid\$ or separat\$)	1	<u>L68</u>
<u>L67</u>	164 and (dynamic\$ or run-time or run time or run\$) same nam\$	1	<u>L67</u>
<u>L66</u>	164 and (dynamic\$ or run-time or run time or run\$) near9 nam\$	0	<u>L66</u>
<u>L65</u>	164 and (dynamic\$ or run-time or run time or run\$)	1	<u>L65</u>
<u>L64</u>	5805899.pn.	1	<u>L64</u>
<u>L63</u>	159 and (name and offset\$)	9	<u>L63</u>
<u>L62</u>	159 and (name and offset\$)	9	<u>L62</u>
<u>L61</u>	L60 and (name\$ and (pointer\$ or offset or off-set\$))	0	<u>L61</u>
<u>L60</u>	6826750.pn.	1	<u>L60</u>

<u>L59</u>	L58 and l17	73	<u>L59</u>
<u>L58</u>	L57 and (version\$ near5 (control\$ or support\$ or manag\$))	5317	<u>L58</u>
<u>L57</u>	version\$ and (dynamic\$ or run time or run-time\$ or compile time or compile-time)	48735	<u>L57</u>
<u>L56</u>	version\$ and (dynamic\$ or run time or ru-time\$ or compile time or compile-time)	48735	<u>L56</u>
<u>L55</u>	6385767.pn.	1	<u>L55</u>
<u>L54</u>	l52 and l6	0	<u>L54</u>
<u>L53</u>	L52 and l17	2	<u>L53</u>
<u>L52</u>	L51 and name\$ and (offset or off-set or pointer\$)	283	<u>L52</u>
<u>L51</u>	L50 and (version\$ near5 (control\$ or support\$ or manag\$))	425	<u>L51</u>
<u>L50</u>	L49 and (method\$ near4 (invok\$ or invocation\$))	1860	<u>L50</u>
<u>L49</u>	version\$ and (dynamic\$ or run time or ru-time\$)	48620	<u>L49</u>
<u>L48</u>	l1 and re-compile\$	1	<u>L48</u>
<u>L47</u>	l1 and recompil\$	0	<u>L47</u>
<u>L46</u>	L44 and tim\$	1	<u>L46</u>
<u>L45</u>	L44 and run\$	0	<u>L45</u>
<u>L44</u>	l1 and (compil\$ or run\$ or execut\$)	1	<u>L44</u>
<u>L43</u>	l1 and (compil\$ near4 tim\$)	0	<u>L43</u>
<u>L42</u>	l1 and (run time or run-time or dynamic\$ or fly\$)	0	<u>L42</u>
<u>L41</u>	l1 and (second\$ same first)	0	<u>L41</u>
<u>L40</u>	l1 and (inherit\$ or hiear\$)	1	<u>L40</u>
<u>L39</u>	l1 and type\$	1	<u>L39</u>
<u>L38</u>	L37 and smart\$	0	<u>L38</u>
<u>L37</u>	l1 and knowledg\$	1	<u>L37</u>
<u>L36</u>	version\$ (control\$ or manage\$ or support\$) and ((overload\$ load\$) near8 resol\$)	0	<u>L36</u>
<u>L35</u>	version\$ same (overload\$ near8 resol\$)	2	<u>L35</u>
<u>L34</u>	version\$ near3 awar\$ near3 overload\$ near3 resol\$	0	<u>L34</u>
<u>L33</u>	l1 and virtual\$	1	<u>L33</u>
<u>L32</u>	l1 and person\$	1	<u>L32</u>
<u>L31</u>	l1 and private\$	0	<u>L31</u>
<u>L30</u>	L29 and (lock\$ or unlock\$ or limit\$ or small\$ or decreas\$ or minim\$)	1	<u>L30</u>
<u>L29</u>	l1 and access\$	1	<u>L29</u>
<u>L28</u>	l22 and access\$	0	<u>L28</u>
<u>L27</u>	l22 and (warn\$ or signal\$ or error\$ or messag\$ or notifi\$)	1	<u>L27</u>
<u>L26</u>	l22 and (warn\$ or signal\$ or error\$)	0	<u>L26</u>
<u>L25</u>	l22 and (warn\$)	0	<u>L25</u>
<u>L24</u>	L23 and default\$	0	<u>L24</u>
<u>L23</u>	L22 and intelligen\$ and (user\$ near3 i/o)	1	<u>L23</u>
<u>L22</u>	6622302.pn.	1	<u>L22</u>
<u>L21</u>	l20 and l17	20	<u>L21</u>

<u>L20</u>	L19 and (intellige\$ or expert\$ or artificail\$ or fuzzy)	2762	<u>L20</u>
<u>L19</u>	version\$ near9 (control\$ or support\$ or manag\$) and (user\$ or programmer\$ or developper\$)	10722	<u>L19</u>
<u>L18</u>	L17 and l13	15	<u>L18</u>
<u>L17</u>	717/168,169,170.ccls.	440	<u>L17</u>
<u>L16</u>	L15 and (version\$ or releas\$)	1	<u>L16</u>
<u>L15</u>	5781730.pn.	1	<u>L15</u>
<u>L14</u>	L13 and l6	12	<u>L14</u>
<u>L13</u>	(version\$ near9 (support\$ or manag\$)) and (intellige\$ or expert\$ or artificail\$ or fuzzy) and(user\$ or programmer\$ or develop\$)	1638	<u>L13</u>
<u>L12</u>	L11 and l6	3	<u>L12</u>
<u>L11</u>	(version\$ near9 (support\$ or manag\$)) and (intellige\$ or expert\$ or artificail\$ or fuzzy) near9 (user\$ or programmer\$ or develop\$)	482	<u>L11</u>
<u>L10</u>	L9	31	<u>L10</u>
<u>L9</u>	L8 and l7	31	<u>L9</u>
<u>L8</u>	(version\$ near9 (support\$ or manag\$)) and (intellige\$ or expert\$ or artificail\$ or logic\$) and (user\$ or programmer\$ or developer\$)	3596	<u>L8</u>
<u>L7</u>	L6 and l5	31	<u>L7</u>
<u>L6</u>	715/511.ccls.	187	<u>L6</u>
<u>L5</u>	(version\$ near9 (support\$ or manag\$)) and (intellige\$ or expert\$ or artificail\$ or logic\$) and (user\$ or programmer\$ or develop\$)	3758	<u>L5</u>
<u>L4</u>	l3 and (expert\$ or natural\$)	1	<u>L4</u>
<u>L3</u>	l1 and (intellig\$ or fuzzy\$ or logic\$ or robot\$ or automatic\$ or artificial\$)	1	<u>L3</u>
<u>L2</u>	L1 and (hid\$ or remov\$ or delet\$ or tempor\$)	1	<u>L2</u>
<u>L1</u>	5878432.pn.	1	<u>L1</u>

END OF SEARCH HISTORY


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

version and object oriented and software and component and



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

version and object oriented and software and component and override and add and new

Found 87,962 of

147,060

 Sort results  
by

relevance

 Display  
results

expanded form


[Save results to a Binder](#)

[Search Tips](#)
☐ Open results in a new window

[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Results 1 - 20 of 200

 Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

 Relevance scale ☐ ☐ ☐ ☐ ☐

# 1 [Logical foundations of object-oriented and frame-based languages](#)

Michael Kifer, Georg Lausen, James Wu

 July 1995 **Journal of the ACM (JACM)**, Volume 42 Issue 4

Full text available: pdf(7.52 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We propose a novel formalism, called Frame Logic (abbr., F-logic), that accounts in a clean and declarative fashion for most of the structural aspects of object-oriented and frame-based languages. These features include object identity, complex objects, inheritance, polymorphic types, query methods, encapsulation, and others. In a sense, F-logic stands in the same relationship to the object-oriented paradigm as classical predicate calculus stands to relational programming. ...

**Keywords:** deductive databases, frame-based languages, logic programming, nonmonotonic inheritance, object-oriented programming, proof theory, semantics, typing

## 2 [Mixin layers: an object-oriented implementation technique for refinements and collaboration-based designs](#)

Yannis Smaragdakis, Don Batory

 April 2002 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 11 Issue 2

Full text available: pdf(510.43 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A "refinement" is a functionality addition to a software project that can affect multiple dispersed implementation entities (functions, classes, etc.). In this paper, we examine large-scale refinements in terms of a fundamental object-oriented technique called collaboration-based design. We explain how collaborations can be expressed in existing programming languages or can be supported with new language constructs (which we have implemented as extensions to the Java language). We present a spec ...

**Keywords:** Collaboration-based design, component-based software, product-line architectures

3

## [A hierarchy-aware approach to faceted classification of objected-oriented components](#)

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore®**  
RELEASE 1.8Welcome  
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

Your search matched **0** of **1099265** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard**Results:****No documents matched your query.** **Print Format**[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved